Contents Volume 256

MAN-DUEN CHOI (Toronto, Canada), JINCHUAN HOU (Linfen, Shanxi, People's Republic of China), AND PETER ROSENTHAL (Toronto, Canada)
Completion of Operator Partial Matrices to Square-Zero Contractions 1
REINHARD NABBEN (Bielefeld, Germany)  Z-Matrices and Inverse Z-Matrices
A. MESSAOUDI (Villeneuve d'Ascq, France) Matrix Extrapolation Algorithms
CHEN XI AND ZHANG KE MIN (Nanjing, People's Republic of China) The Upper Bounds of the Generalized Maximum Density Index of Irreducible Boolean Matrices
MIROSLAV FIEDLER AND VLASTIMIL PTÁK (Praha, The Czech Republic) Block Analogies of Comparison Matrices
RAFAEL BRU, CARMEN COLL, VICENTE HERNÁNDEZ, AND ELENA SÁNCHEZ (Valencia, Spain) Geometrical Conditions for the Reachability and Realizability of Positive Periodic Discrete Systems
CYNTHIA J. WYELS (Ogden, Utah) Permutation Equivalence and the Hermite Invariant
KATARINA CECHLÁROVÁ AND KAROL KOLESÁR (Košice, Slovakia) Strong Regularity of Matrices in a Discrete Bounded Bottleneck Algebra
ERXIONG JIANG AND XINGZHI ZHAN (Shanghai, People's Republic of China)  Lower Bounds for the Spread of a Hermitian Matrix
GEORGE PHILLIP BARKER (Kansas City, Missouri) AND BIT-SHUN TAM (Taiwan, Republic of China)  Baer Semirings and Baer *-Semirings of Cone-Preserving Maps 165
HOLGER W. GOLLAN AND GERHARD O. MICHLER (Essen, Germany) Construction of a 45,694-Dimensional Simple Module of Lyons' Sporadic Group Over GF(2)
YONGZHONG SONG (Nanjing, People's Republic of China) On the Convergence of the Generalized AOR Method

Contents Volume 256

MAN-DUEN CHOI (Toronto, Canada), JINCHUAN HOU (Linfen, Shanxi, People's Republic of China), AND PETER ROSENTHAL (Toronto, Canada)
Completion of Operator Partial Matrices to Square-Zero Contractions 1
REINHARD NABBEN (Bielefeld, Germany)  Z-Matrices and Inverse Z-Matrices
A. MESSAOUDI (Villeneuve d'Ascq, France) Matrix Extrapolation Algorithms
CHEN XI AND ZHANG KE MIN (Nanjing, People's Republic of China) The Upper Bounds of the Generalized Maximum Density Index of Irreducible Boolean Matrices
MIROSLAV FIEDLER AND VLASTIMIL PTÁK (Praha, The Czech Republic) Block Analogies of Comparison Matrices
RAFAEL BRU, CARMEN COLL, VICENTE HERNÁNDEZ, AND ELENA SÁNCHEZ (Valencia, Spain) Geometrical Conditions for the Reachability and Realizability of Positive Periodic Discrete Systems
CYNTHIA J. WYELS (Ogden, Utah) Permutation Equivalence and the Hermite Invariant
KATARINA CECHLÁROVÁ AND KAROL KOLESÁR (Košice, Slovakia) Strong Regularity of Matrices in a Discrete Bounded Bottleneck Algebra
ERXIONG JIANG AND XINGZHI ZHAN (Shanghai, People's Republic of China)  Lower Bounds for the Spread of a Hermitian Matrix
GEORGE PHILLIP BARKER (Kansas City, Missouri) AND BIT-SHUN TAM (Taiwan, Republic of China)  Baer Semirings and Baer *-Semirings of Cone-Preserving Maps 165
HOLGER W. GOLLAN AND GERHARD O. MICHLER (Essen, Germany) Construction of a 45,694-Dimensional Simple Module of Lyons' Sporadic Group Over GF(2)
YONGZHONG SONG (Nanjing, People's Republic of China) On the Convergence of the Generalized AOR Method

## Table of Contents continued

Bernd Silbermann (Chemnitz, Germany) Asymptotic Moore-Penrose Inversion of Toeplitz Operators 219
DAVID P. JACOBS (Clemson, South Carolina) AND VILMAR TREVISAN
(Porto Alegre, Brâsil)
The Determinant of a Tree's Neighborhood Matrix
XIANG-DONG HOU (Dayton, Ohio)
On the Centralizer of the Centralizer of a Matrix
YONGHONG CHEN (Prestonsburg, Kentucky) AND M. NEUMANN
(Storrs, Connecticut)
M-Matrix Generalized Inverses of M-Matrices
J. M. VAN DEN HOF (Amsterdam, The Netherlands)
Realization of Positive Linear Systems
AUTHOR INDEX